

EXECUTIVE SUMMARY

Prepared November 17, 1998

Mine Name: Lehi Project
Operator: Valley Asphalt, Inc.
7434 South Delmonte Road
P.O. Box 309
Spanish Fork, Utah 84660
Telephone: (801) 798-7486 - Fax: (801) 798-8316
Contact Person: Brent Sumsion

I.D. No.: M/049/031
County: Utah
New/Existing: New
Mineral Ownership: STATE
Surface Ownership: FEE
Lease No.(s): ML 47496 MP
Permit Term: Life of Mine

Life of Mine: 25 years

Legal Description: NW/4 Section 16, T5S, R1W, SLBM. Quad Map : Jordan Narrows, Utah

Mineral(s) to be Mined: Limestone

Acres to be Disturbed: 145.6 (Life of Mine)

Present Land Use: Grazing, Wildlife habitat.

Postmining Land Use: Same as present.

Variances from Reclamation Standards (Rule R647) Granted: R647-4-111.12 Topsoil Redistribution and R647-4-111.13 Revegetation. These variances are for 24 acres of final highwall area. This area will be solid stone outcrop and will have an overall slope of nearly 45 degrees. Benches will be too narrow to safely apply topsoil and seed.

Soils and Geology

Soil Description: The soil is classified as an Upland Shallow Loam. Soils in this group are generally shallow and are relatively low in production. The operator has committed to salvage or otherwise provide 174,942 cubic yards of soil for reclamation of the site.

pH: 7.8

Special Handling Problems: None

Geology Description: Great Blue Limestone Formation of Mississippian age. The unit strikes east and west with a dip north to northeast at about 30 degrees. Drilling of the area indicate solid massive limestone within a foot of the surface.

Hydrology

Ground Water Description: Depth to ground water is 370 feet below the lowest elevation of the pit. No impacts are expected.

Surface Water Description: No surface waters or natural drainages will be disturbed.

Water Monitoring Plan: Not required.

Ecology

Vegetation Type(s); Dominant Species: The vegetation community type is a shrubland, dominated by big sagebrush, broom snakeweed, salina wildrye, goldenweed, and rabbitbrush.

Pre mine Percent Vegetative Cover: 58%. Reclamation standard will be 40.6%.

Wildlife Concerns: No threatened or endangered species or critical wildlife habitat exist on the project area.

Surface Facilities: Crushers, stackers, material stockpiles, Asphalt plant, asphalt loadout silo, fuel tanks (with concrete spill containment structure), office, sediment pond, access road.

Mining and Reclamation Plan Summary:

During Operations:

The limestone will be drilled, blasted and transported to the processing plant area, where it will be crushed and screened for various products. Product will be trucked from the stockpiles to various job sites or conveyed to the asphalt plant where it will be injected with asphalt oil and mixed with aggregate to produce asphaltic concrete and then loaded on truck and hauled to various job sites.

Topsoil will be salvaged prior to mining and stockpiled for reclamation. A sediment pond will be used to control runoff from disturbed areas. Public safety will be insured by restricting access with fencing and signs. Trash and debris will be periodically hauled to a landfill.

After Operations:

All facilities will be demolished and removed. The disturbed area will be regraded and topsoil replaced. The final surface will be left in a roughened condition to promote vegetation establishment. The area will be fertilized and seeded with species that were selected to achieve the post mining land uses of grazing and wildlife habitat. All areas will be revegetated with the exception of the final highwall area (about 24 acres) for which a variance has been granted. The final highwall area will be fenced and warning signs installed to protect the public.

Surety

Amount: \$387,900, in year 2003 dollars.

Form: _____

Renewable Term: 5 years.